Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018757.D
Acq On : 02 Oct 2020 19:05
Operator : JC/SP
Sample : L4239-04
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG3N3

Manual Integrations APPROVED
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10/6/2020 1:25:33 PM

Quant Time: Oct 03 07:45:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 14:11:08 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.84 | 114 | 284524 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 10.10 | 117 | 274277 | 5.00 | ug/L | 0.00 |
| 61) 1,4-Dichlorobenzene-d4 | 12.07 | 152 | 138432 | 5.00 | ug/L | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.39 | 65 | 92229 | 5.55 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 111.00% | | | |
| 7) Chloroethane-d5 | 1.70 | 69 | 70467 | 5.42 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 108.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.35 | 63 | 719142 | 19.18 | ug/L | 0.01 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 383.60%# | | | |
| 20) 2-Butanone-d5 | 4.59 | 46 | 232328 | 53.29 | ug/L | 0.04 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 106.58% | | | |
| 24) Chloroform-d | 5.15 | 84 | 178668 | 4.44 | ug/L | 0.01 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 88.80% | | | |
| 26) 1,2-Dichloroethane-d4 | 6.04 | 65 | 107532 | 4.38 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 87.60% | | | |
| 32) Benzene-d6 | 6.06 | 84 | 347595 | 5.10 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 102.00% | | | |
| 36) 1,2-Dichloropropane-d6 | 7.38 | 67 | 105232 | 5.34 | ug/L | 0.01 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 106.80% | | | |
| 41) Toluene-d8 | 8.73 | 98 | 346666m | 5.16 | ug/L | 0.03 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 103.20% | | | |
| 45) trans-1,3-Dichloropropene- | 9.01 | 79 | 46985 | 4.43 | ug/L | 0.02 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 88.60% | | | |
| 48) 2-Hexanone-d5 | 9.43 | 63 | 200726 | 56.49 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 112.98% | | | |
| 59) 1,1,2,2-Tetrachloroethane- | 11.24 | 84 | 79679 | 4.97 | ug/L | 0.01 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 99.40% | | | |
| 65) 1,2-Dichlorobenzene-d4 | 12.37 | 152 | 136317 | 5.34 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 106.80% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 8) Chloroethane | 1.71 | 64 | 31588 | 3.392 | ug/L # | 63 |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.37 | 101 | 5596 | 0.350 | ug/L # | 61 |
| 12) 1,1-Dichloroethene | 2.35 | 96 | 1024075 | 72.254 | ug/L # | 60 |
| 13) Acetone | 2.45 | 43 | 69756 | 29.308 | ug/L | 100 |
| 14) Carbon disulfide | 2.56 | 76 | 110310 | 2.487 | ug/L | 99 |
| 18) trans-1,2-Dichloroethene | 3.15 | 96 | 321582 | 21.190 | ug/L | 95 |
| 19) 1,1-Dichloroethane | 3.67 | 63 | 1695279 | 62.837 | ug/L | 96 |
| 21) 2-Butanone | 4.67 | 43 | 71958 | 20.768 | ug/L | 93 |
| 22) cis-1,2-Dichloroethene | 4.56 | 96 | 36564870m | 2336.290 | ug/L | |
| 29) 1,1,1-Trichloroethane | 5.46 | 97 | 64392152m | 1984.554 | ug/L | |
| 30) Cyclohexane | 5.59 | 56 | 1556940 | 69.185 | ug/L | 90 |
| 33) Benzene | 6.12 | 78 | 522286 | 9.093 | ug/L | 100 |
| 34) Trichloroethene | 7.20 | 95 | 36297 | 2.140 | ug/L | 88 |
| 42) Toluene | 8.83 | 91 | 80964942m | 1288.246 | ug/L | |
| 47) 1,1,2-Trichloroethane | 9.21 | 97 | 15927 | 1.467 | ug/L | 97 |
| 49) Tetrachloroethene | 9.33 | 164 | 5037 | 0.340 | ug/L | 83 |
| 53) Chlorobenzene | 10.12 | 112 | 623544 | 14.504 | ug/L | 95 |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 54) Ethylbenzene | 10.24 | 91 | 6111907 | 86.751 | ug/L | 99 |
| 55) m,p-xylene | 10.35 | 106 | 7390037 | 268.911 | ug/L | 65 |
| 56) o-xylene | 10.69 | 106 | 4986532 | 196.350 | ug/L | 94 |
| 58) Isopropylbenzene | 11.01 | 105 | 870978 | 12.250 | ug/L | 98 |
| 63) 1,3-Dichlorobenzene | 12.03 | 146 | 45632 | 1.356 | ug/L | 93 |
| 64) 1,4-Dichlorobenzene | 12.09 | 146 | 176762 | 5.268 | ug/L | 96 |
| 66) 1,2-Dichlorobenzene | 12.38 | 146 | 308419 | 9.817 | ug/L | 99 |
| 69) 1,2,4-trichlorobenzene | 13.63 | 180 | 196083 | 9.120 | ug/L | 96 |
| 71) 1,2,3-Trichlorobenzene | 14.01 | 180 | 105067 | 5.431 | ug/L | 97 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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